



Docket No.: 44575C US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jozef J. Van Dun et al.

Application No.: 10/817,030

Confirmation No.: 2797

Filed: April 2, 2004

Art Unit: 1711

For: **BIMODAL POLYETHYLENE  
COMPOSITION AND ARTICLES MADE  
THEREFROM**

Examiner: N. M. Nutter

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein, and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed with a Request for Continued Examination (37 CFR 1.97(b)(4)). Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered.

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any

patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98, and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 04-1512 in the amount of \$790.00 covering the fees set forth in 37 CFR 1.17(e). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1512, under Order No. 44575C US. A duplicate copy of this paper is enclosed.

Dated: July 18, 2005

Respectfully submitted,

By Jane M. Terry  
Jane M. Terry  
Registration No.: 53,682  
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/817,030
(Use as many sheets as necessary)		Filing Date	April 2, 2004
		First Named Inventor	Jozef J. Van Dun
		Art Unit	1711
		Examiner Name	N. M. Nutter
		Attorney Docket Number	44575C US

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,506,096	03-19-1985	Weitz, et al.	
		US-5,578,682	11-26-1996	White	
		US-6,194,520 B1	02-27-2001	Cheruvu, et al.	
		US-6,506,866 B2	01-14-2003	Jacobsen, et al.	
		US-6,770,341 B1	08-03-2004	Böhm, et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		EP-0707040 B1	09-15-1995	Buna Sow Leuna Olefinverbund GmbH	
		EP-0733674 B1	03-16-1996	Buna Sow Leuna Olefinverbund GmbH	
		EP-0089586 A1 (US-4,506,096)	09-28-1983	BASF	
		EP-1146078 A1	10-17-2001	Borealis Technology OY	
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		EP-1201711 A1	05-02-2002	Atofina Research	
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		WO-90/03414 A1	04-05-1990	Exxon Chemical	
		WO-93/03093	02-18-1993	Exxon Chemical	
		WO-96/16092	05-30-1996	Dow Chemical	
Examiner Signature				Date Considered	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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		US-			

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		WO-96/28480	09-19-1996	Dow Chemical	
		WO-97/19807	06-05-1997	Borealis A/S	
		WO-97/33116	09-12-1997	Borealis A/S	
		WO-97/43323	11-20-1997	Dow Chemical	
		WO-98/27119	06-25-1998	Dow Chemical	
		WO-99/14271	03-25-1999	Dow Chemical	
		WO-01/05852 A1	01-25-2001	Dow Chemical	
		WO-01/02480 A1 (US-6,770,341 B1)	01-11-2001	Elenac GMBH	
		WO-01/79347 A2	10-25-2001	Borealis Technolgy OY	
		WO-03/016362 A1	02-27-2003	Dow Global Technologies Inc.	
Examiner Signature				Date Considered	

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<b>NON PATENT LITERATURE DOCUMENTS</b>			<b>T<sup>2</sup></b>
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		Borealis Unveils Borstar-Its New Proprietary Polyethylene Technology, Press Release, October 10, 1995.	
		MAPLESTON, P., Infrared Process is Fast and Repeatable, Mod. Plast. Int., V.22, No. 10, Oct. 1992. p. 34/8 (Abstract)	
		New Generation Polyolefins, Nissan-Lyondell-Maruzen High Density Technology, Aug./Sept 1997, Vol.. 3-Iss. 1, p. 17	
		ELIAS, HANS-GEORG, Macromolecules 1 Structure and Properties, 1977, pp.384-385, 414-415, Plenum Press, New York and London	
		PLATI ET AL., The Determination of the Fracture Parameters for Polymers in Impact, Polymer Engineering and Science, June 1975, p. 470-477, V. 15 – Iss. 6, The Society of Plastics Engineers, Inc..	
<b>EXAMINER</b> <b>SIGNATURE</b>		<b>DATE</b> <b>CONSIDERED</b>	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.